

Amendment Under 37 C.F.R. § 1.111
U.S. Serial No. 09/980,010

Sub B8
cont.
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or a polymethyl methacrylate resin and said photochromic layer is formed by curing a mixture of a polyurethane prepolymer with an isocyanate group on both ends obtained from diisocyanate and polyol, a curing agent comprising a compound with a hydroxyl group on at least both ends obtained from diisocyanate and polyol, and a photochromic organic compound.

7. (Amended) The laminate according to claim 1, wherein said mixture contains a tertiary hindered amine light stabilizer.

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8. (Amended) The laminate according to claim 1, wherein said mixture contains a tertiary hindered amine light stabilizer and an antioxidant containing at least three hindered phenol groups.

Sub B10

12. (Amended) A process for producing a transparent synthetic resin laminate with photochromism property which comprises:

coating a mixture of a polyurethane prepolymer with an isocyanate group on both ends obtained from diisocyanate and polyol, a curing agent comprising a compound with a hydroxyl group on at least both ends obtained from diisocyanate and polyol, a photochromic organic compound and a solvent on one side of a transparent synthetic resin sheet of a polycarbonate resin or a polymethyl methacrylate resin,

then, removing the solvent from the mixture to a state not to contain substantially the solvent,

then, adhering another transparent synthetic resin sheet of a polycarbonate resin or a polymethyl methacrylate resin to the coated side of said synthetic resin sheet, and then, curing the substantially-free mixture, thereby, forming a photochromic layer.